INTERNATIONAL SECTION NEWSLETTER

June 2012

Dear International Members:

Greetings from the GSA International Section and as you know, the Geological Society of America provides a global forum for knowledge-sharing and networking among geoscientists. Serving members in over 95 countries, GSA programs unite the global science community in shaping the future of the Earth sciences. Wherever you live or work, GSA invites you to become involved by joining our network. International Section has multiple purposes and with your direct involvement intends to reach overseas members towards meeting the following objectives:

- to provide a forum for and to coordinate meetings, symposia, conferences, and lecture tours on the geology of regions beyond North America,
- to provide a focal point for the exchange of views by North American geologists working overseas,
- to raise funds for foreign colleagues and students to participate in annual GSA meetings,
- to strengthen cooperation with overseas geoscientific societies.

June 2012 Newsletter Highlights:

GSA International Section OFFICERS AND MANAGEMENT BOARD — 2012-2013

Officers		
Chair	**Alan G.Smith** Department of Earth Sciences Sedgwick Museum Downing Street Cambridge CB2 3EQ U.K.	Tel: +44-1223-333-439 Fax: +44-1223-333-450 ags1@cam.ac.uk
First Vice Chair	**An Yin** University of California, Los Angeles Dept of Earth & Space Sciences Los Angeles, CA 90095-156702	Tel: +1-310-825-8752 Fax: +1-310-825-2779 yin@ess.ucla.edu
Second Vice Chair	**Anke M. Friedrich** LMU Munich Dept of Earth and Environmental Sciences Luisentrasse 37 80333 Munich, Germany	Tel: +49-89-21806512 Fax: +49-89-21806514 friedrich@lmu.de
Secretary	**Nazrul I. Khandaker** Dept. of Earth and Physical Sciences York College The City University of New York 94-20 Guy R. Brewer Blvd. Jamaica, NY 11451	Tel: +1-718-262-2079 (x 2654) Fax: +1-718-262-3751 nkhandaker@york.cuny.edu
Treasurer	**Maurice J. (Ric) Terman** 3440 S. Jefferson St., Apt. 370 Falls Church, VA 22041	Tel: +1-703-842-3108 terman.ric@gmail.com
Past Chair	**Joann M. Stock** California Institute Technology Seismological Lab 1200 E. California Blvd, MC 252-21 Pasadena, CA 91125-0001	Tel: +1-626-395-6938 Fax: +1-626-564-0715 jstock@gps.caltech.edu

Management Board
The management board shall include the current International Section officers, the immediate past chair, and one voting affiliate of the Geological Society of America selected every three years by the GSA Council to serve as Council Liaison to the section. Meetings of the management board shall be held prior to the Section's annual business meeting. Business involving the entire management board shall normally be conducted by e-mail correspondence.
Region - Section includes all of the international Community outside of North America 1,684 Voting members of the Section as of 31 December 2011.

GSA International Section Sponsored the following Topical Sessions (**GSA Annual Meeting Charlotte, NC 2012**) and ***international members are encouraged to submit abstracts to these sessions***. Abstracts Deadline: 14 August, 2012

T41. **Technical and Non-Technical Guidelines and Best Practices for Hazard Studies**
GSA Environmental and Engineering Geology Division; Geological Survey of Canada; U.S. Geological Survey; GSA International Section
Peter T. Bobrowsky

> This session provides a forum for geotechnical engineers, engineering geologists and geoscientists to review guidelines, and best practice and protocol documents that address the practice, obligations, and accreditation concerns of geosciences.

T48. **Lessons from Fukushima: An Investigation of the Intersection between Geoscience and Nuclear Energy**
GSA Geology and Society Division; GSA Environmental and Engineering Geology Division; GSA Hydrogeology Division; GSA Geology and Health Division; American Geosciences Institute; GSA Geophysics Division; GSA International Section
Craig Cooper, J.E. Fryxell, James Davis

> This session investigates how an improved understanding and appreciation of geoscientific knowledge can help make nuclear energy more sustainable. Fukushima provides a focal point, but we also seek investigations that provide broader lessons.

T56. **Phase Transformations and Geodynamics: Mineralogy in Action: Devoted to Harry Green, 2012 Roebling Medalist**
Mineralogical Society of America; American Geophysical Union; GSA Geophysics Division; GSA International Section
Larissa Dobrzhinetskaya, Russell Hemley, Michael Brown

> We seek contributions on high-pressure rheology, petrology, shearing instabilities, phase transformations, and rock exhumation from great depths. Experiments, modeling that examine mineral-reaction–enabling flow/failure in spreading centers, subduction zones, and continental collision terranes are encouraged.

T79. **Uncertainty in Earth and Climate Science: Communicating Uncertainty to the Public**
GSA Geology and Society Division; GSA Geoscience Education Division; GSA Geology and Public Policy Committee; GSA Quaternary Geology and Geomorphology Division; GSA International Section
David W. Szymanski, J.E. Fryxell, Tamara Shapiro Ledley

The term "uncertainty" carries a dramatically different meaning in the public realm compared to the way it is used by scientists. This session will cover pitfalls and strategies in communicating uncertainty in scientific data.

T82. **Geologic Maps, Digital Geologic Maps, and Derivatives from Geologic and Geophysical Maps (Posters)**
GSA Geophysics Division; Association of American State Geologists; U.S. Geological Survey; GSA Environmental and Engineering Geology Division; GSA International Section
Richard C. Berg, Ralph F. Crawford, Michael W. Higgins, Linda Jacobsen, E. Donald McKay, Hazen A.J. Russell, David R. Soller, Harvey Thorleifson

This poster session will highlight new geologic maps, mapping programs, and innovations in geological mapping, including data management, web accessibility, 3-D, and applications in water and land management.

T88. **Geological and Hydrogeological Characterization Studies at CO2 Sequestration Sites**
GSA Hydrogeology Division; GSA Geophysics Division; GSA Environmental and Engineering Geology Division; GSA International Section
Benjamin J. Rostron

There are numerous geological CO2 sequestration projects planned and underway worldwide. This session addresses results of geological, geochemical, and hydrogeological characterization studies conducted at CO2 sequestration sites.

T102. **Hydraulic Fracturing for Resource Development or Remediation: Methods, Results, and Industry-Regulatory Response to Environmental Impacts on Ground and Surface Waters**
GSA Hydrogeology Division; GSA Environmental and Engineering Geology Division; International Association of Hydrogeologists; GSA Geology and Health Division; GSA Geology and Society Division; GSA International Section
Gerry V. Winter, Neil Coleman

Hydraulic fracturing is important for developing oil, gas, and water in low-permeability formations and is used in remediation of contaminated sites, but the process can result in unintended consequences that adversely affect the environment.

T106. **Arsenic: Fate and Transport in Natural Waters and Aquifers from Basin to Pore-Space Scale**
GSA Hydrogeology Division; GSA International Section; GSA Geology and Society Division; GSA Geology and Health Division; Geochemical Society; International Society for Groundwater for Sustainable Development; GSA Environmental and Engineering Geology Division
Prosun Bhattacharya, Abhijit Mukherjee, Ratan Dhar, Karen H. Johannesson, Lois Ongley

All aspects of earth and anthropogenic systems that may impact the occurrence, fate, transport, biogeochemical cycling, and sustainable mitigation of arsenic in water, rocks, and biological organisms will be discussed.

T118. **Paleotempestology: Proxy Record Development and Climate Forcing Mechanisms**
GSA Quaternary Geology and Geomorphology Division; International Geoscience Programme (IGCP)

588—Preparing for Coastal Change; GSA International Section
Andrea D. Hawkes, Jon Woodruff, Daria Nikitina

> We will explore new findings in paleotempestology record development, which identifies the timing and frequency/intensity of tropical cyclones. We welcome studies highlighting forcing mechanisms responsible for past/future cyclone variability. Integrated field, lab, and model analyses are encouraged.

T121. **Rapid Sea-Level Rise and Its Impacts: Past, Present, and Future**
GSA Quaternary Geology and Geomorphology Division; Association of Environmental & Engineering Geologists; GSA Environmental and Engineering Geology Division; GSA Geology and Society Division; GSA Hydrogeology Division; GSA Sedimentary Geology Division; National Association of Geoscience Teachers; GSA International Section
George T. Stone, Michael E. Mann, Stanley R. Riggs, Andrew M. Buddington

> This session convenes leading scientists from diverse disciplines to present current research on one of the most compelling issues in the geosciences: rapid sea-level rise and the attendant threat to coastlines worldwide.

T133. **Getting to the Root of It—Metamorphism, Tectonics, and Crustal Evolution**
GSA Mineralogy, Geochemistry, Petrology, and Volcanology Division; Mineralogical Society of America; GSA International Section
Nigel M. Kelly, Callum J. Hetherington, Julien Allaz

> A robust understanding of continental crustal evolution demands integrated approaches to metamorphic petrology. This session will showcase new research using multi-technique approaches to understanding metamorphic processes operating from subgrain- to orogen-scales.

T148. **Geochemistry, Mineralogy, and Petrology of Mars**
GSA Planetary Geology Division; GSA Mineralogy, Geochemistry, Petrology, and Volcanology Division; GSA International Section
A. Deanne Rogers, James J. Wray, Suniti Karunatillake

> This session will focus on advances made in understanding the formation, evolution, and alteration of the martian crust through geochemical and mineralogical analyses. Presentations that utilize spacecraft data analysis, experiments, models, and/or analog studies are welcome.

T153. **The Moon, Inside and Out: New Results in Lunar Geophysics, Structure, and Interior**
GSA Planetary Geology Division; GSA Geophysics Division; GSA International Section
Gwendolyn D. Bart, James W. Head, Maria T. Zuber

> This session focuses on our expanding understanding of lunar geophysics, as well as the Moon's present interior structure and evolution, by presenting new results from recent spacecraft missions.

T161. **Detrital Zircon Provenance of Neoproterozoic to Lower Paleozoic Strata of Northern and Western Laurentia**

GSA Sedimentary Geology Division; Geochemical Society; GSA International Section
Michael C. Pope, Rob Rainbird

This session focuses on detrital zircon provenance research of Neoproterozoic to Lower Paleozoic strata, particularly from northern and western Laurentia, to determine their sediment dispersal patterns, evolution of sediment provenance, and subtle tectonic events.

T163. **Geologic Timescale—Current Status, Future Enhancement, and Applications**
SEPM (Society for Sedimentary Geology); GSA International Section
James G. Ogg, Linda Hinnov, Mark D. Schmitz

Earth's surface history is a complex interplay of climate, evolution, and other processes framed within a geologic timescale with numerical ages. This session focuses on big-picture aspects and new methodologies to decipher Earth's history.

T169. **Cyclicity and Hierarchy in the Clastic Stratigraphic Record**
GSA International Section
Brian W. Romans, Jacob A. Covault, Stephen M. Hubbard

The documentation of cyclical and hierarchical patterns in the stratigraphic record has led to interpretations of systematic forcings and apparently improved predictability. This session will explore these themes at a range of scales.

T177. **Supercontinent Cycles through Earth History (Posters)**
GSA Structural Geology and Tectonics Division; GSA Geophysics Division; GSA Mineralogy, Geochemistry, Petrology, and Volcanology Division; GSA International Section
A. Krishna Sinha, Kent Condie, Robert D. Hatcher

Geologic framework of Supercontinent Cycles through Earth's history: Implications of tectonic, petrologic, geochronologic and biologic processes.

T178. **Geology and Tectonics of the Aegean Region**
GSA Structural Geology and Tectonics Division; GSA Geophysics Division; GSA International Section
E.J. Catlos, Yucel Yilmaz

This session provides an opportunity for geologists from a range of disciplines (e.g., structural geology, tectonics, petrology, volcanology, natural hazards) to interact and share new results and information about their research in the Aegean area.

T179. **Dynamics of Gneiss Domes, Core Complexes, and Orogenic Plateaux**
GSA Structural Geology and Tectonics Division; GSA Geophysics Division; GSA International Section
Christian Teyssier, Donna Whitney

The flow of crust at plate boundaries is recorded in rocks, structures, and topography. This session features contributions on the mechanisms, trajectories, magnitude, duration, rates, and consequences of crustal flow in continental and oceanic settings.

International Section TRAVEL GRANTS Application Deadline: 1 July 2012

GSA's International Section is offering international travel grants to assist with the participation of international scientists and students in the GSA Annual Meeting, 4–7 November, 2012 held in Charlotte, North Carolina, USA. Travel grant funds are limited and grants will not cover the full cost to attend the meeting but are intended to help offset the combined cost of registration, housing, and travel.

TO APPLY FOR A 2012 TRAVEL GRANT:

You will be asked to provide a title and author list for the abstract you plan to submit. Applicants who intend to submit an abstract will be considered for travel grants, with the expectation that you will submit your abstract on time and be presenting your abstract at the meeting.

International Travel Grant Application

Section officers intend to let applicants know about their status (successful or not) by 1 August 2012, which allows a 90-day window for processing travel visa documents.

For questions regarding International Section Travel Grants, please contact:
Alan Smith
Chair, GSA International Section
ags1@cam.ac.uk
or
Nazrul Khandaker
Secretary, GSA International Section
nkhandaker@york.cuny.edu

TO SUPPORT TRAVEL GRANTS

To make a donation to support International Section Travel Grants, please visit to the GSA Foundation's website.

International Section TRAVEL VISAS

To Attend Scientific Meetings in the United States

The number one rule for international scientists seeking a visa to attend a professional meeting in the United States is to apply at least 3 months in advance.

Procedures for international scientists seeking a visa to enter the United States or seeking answers to questions related to visa-related issues the United States is provided by the International Visitors Office (IVO) of the U.S. National Academies in Washington, D.C.

Comprehensive information on **travel visa** can be found at:
www7.nationalacademies.org/visas/

GSA Annual Meeting 2012 Second Circular

November 4-7, 2012 (Charlotte, North Carolina)

Abstracts Deadline: 14 August, 2012

34th Session of the International Geological Congress (IGC), in Brisbane, Australia

Letter from the President

Dear Colleagues,

On behalf of the Australian Geoscience Council and the broader geoscience community in Oceania, I have great pleasure in inviting you to the ***34th Session of the International Geological Congress*** **(IGC), in Brisbane, Australia, in August 2012**. We look forward to the opportunity of welcoming delegates and providing you with an intellectually stimulating and socially memorable Congress.

The IGC was first held in 1878, and the Oceania region has only hosted the event once in its prestigious history. High level political and scientific support secured in Australia and New Zealand for the Congress will underpin this outstanding event.

Under the theme "Unearthing our Past and Future" the IGC will showcase the Oceania region's geoscience strengths, innovations and natural wonders, through an exciting range of pre and post Congress field trips.

The Congress will be staged at the highly acclaimed Brisbane Convention and Exhibition Centre, a world class venue that has hosted numerous large and very successful international meetings. Brisbane offers great August weather, value for money and proximity to geo-tourist features such as the Great Barrier Reef.

AUSTRALIA 2012 will include a GeoExpo, an education outreach program, and a support program to encourage young delegates to attend. The IGC will demonstrate the crucial role that geoscience plays in the quest for sustainable development and show how geoscience contributes directly to the future of its resource-based industries, land and water management and mitigation of geohazards.

We are looking forward to making your trip to Australia in 2012 a great success.

Yours sincerely

Neil Williams PSM
Professor, University of Wollongong
President 34th International Geological Congress
Former Chief Executive Officer - Geoscience Australia

Theme Scientific Sessions are listed below:

http://www.34igc.org/scientific-themes-symposia.php

Theme 1. Geoscience for Society

Theme 2. Geoscience Benefiting Low Income Countries

Theme 3. Climate Change: Lessons from the Past; Implications for the Future

Theme 4. Environmental Geoscience

Theme 5. Geoscience Information

Theme 6. Energy in a Carbon Constrained World

Theme 7. Mineral Resources and Mining

Theme 8. Mineral Exploration Geoscience

Theme 9. Mineral Deposits and Ore Forming Processes

Theme 10. Coal - a Myriad of Resources

Theme 11. Petroleum Systems and Exploration

Theme 12. Unconventional Hydrocarbons – Emerging Fuels

Theme 13. Sedimentation and Sedimentary Processes

Theme 14. Basin Formation and Continental Margin Processes

Theme 15. A Dynamic Earth

Theme 16. The Deep Earth

Theme 17. The Early Earth: Hadean and Archean Development of a Habitable Planet

Theme 18. The Proterozoic Earth

Theme 19. Geochronology and Isotope Geology

Theme 20. Planetary Sciences

Theme 21. Magmatism – Settings, Compositions and Processes

Theme 22. Metamorphic Rocks and Processes

Theme 23. Evolution of the Biosphere

Theme 24. Reefs and Carbonates

Theme 25. Marine Geoscience and Oceanography

Theme 26. Antarctic and Arctic Geoscience

Theme 27. Biogeoscience

Theme 28. Groundwater/Hydrogeology

Theme 29. Surficial Processes and Landscape Evolution

Theme 30. Geohazards

Theme 31. Engineering Geology and Geomechanics

Theme 32. Geoscience Information from Proximal and Remote Sensing Technologies

Theme 33. History of the Geosciences

Theme 34. Major Geoscience Initiatives, Geosurveys and Maps

Theme 35. Geostandards

Theme 36. Regional, Thematic and Specialist Symposia

Theme 37. Alternative Concepts

Other Major Forums

International Meeting China 2013 and Update

"Roof of the World"

17–19 JUNE 2013 • CHENGDU, CHINA

Joint meeting of the Geological Society of China and the Geological Society of America Brought together by the GSA International Section

http://www.geosociety.org/meetings/2013china/

Themes

- Evolution of the Qinghai-Tibet Plateau
- Intra-continental deformation, mineral resources, and geologic hazards
- Environmental changes, biologic evolution, geochemistry, and carbon sequestration

Scientific Program Chairs

GSC - Dong Shuwen, Executive Member of GSC Council in charge of international cooperation
GSA - J.G. Liou, Stanford University
Websites: Chinese Academy of Geological Sciences & Geological Society of China

GSA Distinguished International Lecturer – 2012

DR. VICTOR R. BAKER

Lecture Topic

Megafloods on Earth, Mars, and Beyond

For more than 40 years University of Arizona Regents' Professor Victor R. Baker has been studying the most spectacular and immense flood phenomena that are currently known to occur anywhere in the solar system. The immense megafloods of the last Ice Age created bizarre landscapes like the Channeled Scabland and altered the circulation of the oceans thereby

changing Earth's climate. More surprising was the discovery that much larger megafloods occurred billions of years ago on the planet Mars. The Martian megafloods formed temporary bodies of water on that planet, even generating a kind of ocean that facilitated environmental conditions on Mars that may have been like those of an ice age on Earth. These discoveries are showing that Mars, like Earth, had a long-term cycle of water circulation that produced a habitable planet, and these are exactly the kinds of processes to seek out in the newly initiated search for the other habitable planets of the universe.

Lecture Topic

Geological History of Water on an Earth-like Planet

Recent advances in astronomy hold the prospect for discovery of a great many Earth-like planets, rich in both water and possible habitats for life, thereby greatly expanding from the current sample of one. Nevertheless, until it proves possible to do geology for these numerous potential exo-Earths, we can greatly advance the geological science of Earth-like planets by study of Mars. The early geological histories of both Mars and Earth are closely tied to the role of water, extending from the nature of planetary accretion to the origin of a physically coupled atmosphere and ocean, the prospects for initiating plate tectonics, and historical records of punctuated greenhouse-to-icehouse climatic transitions. Recent discoveries from Mars missions reveal the extensive role of water in generating sedimentary rocks, active and relict glacial and periglacial features, aqueous weathering products (clay minerals and sulfates), alluvial fans and deltas, the extensive development of paleolakes, and even a probable, though transient ocean.

FALL 2012 TENTATIVE LECTURE SCHEDULE:

Tue., 9 October, Cambridge University, Cambridge, UK

Wed., 10 October, University of Southampton, Southampton, UK

Thu., 11 October, Imperial College, London, UK

Fri., 12 October, University of Edinburgh, Edinburgh, Scotland

Mon., 15 October, University of Turku, Turku, Finland

Tue., 16 October, University of Helsinki, Finland

Wed., 17 October, Uppsala University, Uppsala, Sweden

Thu-Fri, 18-19 October, Amsterdam, Netherlands

National Academy of Sciences (NAS) Brief Report (2012):

New Research Opportunities in the Earth Sciences

A national strategy to sustain basic research and training across all areas of the Earth sciences would help inform the response to many of the major challenges that will face the planet in coming years. Issues including fossil fuel and water resources, earthquake and tsunami hazards,

and profound environmental changes due to shifts in the climate system could all be informed by new research in the Earth sciences. The National Science Foundation's Division of Earth Sciences, as the only federal agency that maintains significant funding of both exploratory and problem-driven research in the Earth sciences, is central to these efforts, and coordinated research priorities are needed to fully capitalize on the contributions that the Earth sciences can make.

Maurice "Ric" Terman's (IS Treasurer) Letter to the IS Members

The new proposed Bylaws for IS uniquely state: "**An International Liaison Committee (ILC)** of eight voting affiliates, chaired by the First Vice Chair, shall be appointed for two-year terms by the Section Chair with the advice of the Management Board. Each appointee shall be a GSA Honorary Fellow, or a colleague recommended by him/her, who has a long-term experiential expertise in one of the **eight regions of future potential collaboration: Europe, East Asia, South Pacific, Latin America, Middle East/North Africa, Sub-Saharan Africa, South Asia, and North Asia.**"

Thus this **ILC** would be extremely well qualified to "conduct liaison with overseas geoscientific societies, universities, other institutions, and especially the Members and Fellows residing outside of North America, and shall assist in arranging for appropriate international meetings, workshops, symposia, and excursions within their respective regions." Also this ILC shall be a substitute for the traditional Nominating and Awards Committees of North American Sections, and thus relieve the Section Chair of difficult responsibilities, and fully utilize the capabilities of the regional experts that have previously been recognized by the GSA as Honorary Fellows.

The awards to be considered by the **ILC** include meeting travel grants insofar as the funding permits, nomination of Honorary International Fellows (previously done by the GSA Council), and initial identification of candidates for the Distinguished International Career Award. It has been suggested that this last awardee might be considered a prime candidate to become a subsequent Section Second Vice Chair as overseas scientists replace the current North American residents as chairs on the MB. The Section shall also continue its advisory role in the current grants for the ***East Asia Geoscience and Environmental Research*** (**EAGER**) Project and research in desert regions (**El Baz program**).

Committees:

When approved by the Council, the proposed Bylaws would establish the following:

Program Committee – 5 affiliates (1 year terms)

(chaired by the First Vice Chair)

Finance Committee – 4 affiliates (2 for 2 years; 2 for 1 year)

(chaired by the Treasurer)

International Liaison Committee - 8 affiliates (2 year terms)

(chaired by the Second Vice Chair)

During the last year, **Chair Joann Stock** sent emails to all GSA Honorary Fellows inquiring about their willingness to serve on the ILC as outlined above and several of them responded.

The effective functioning of these committees is essential to the future of the IS and your participation can only enhance IS towards becoming a strong partner of the GSA's globalization theme.

International News Update (IUGS)

International Union of Geosciences (IUGS) recently published the following newsletter and is full of future geologic events/meetings/workshops. Please visit the following to know more about these events:

World Energy Monitor Newsletter (June 2012)

The current issue of **World Energy Monitor** features various perspectives on the rapidly growing wind energy sector. Antoine Dechezleprêtre and Matthieu Glachant find wind power policies leading to innovation and a competitive industry, though the social cost of wind energy may not be lower. Richard Green highlights the importance of managing intermittence if wind energy is to emerge as a viable alternate to world's growing energy needs. While Khalid Benhamou presents Sahara Wind's market-based, regionally integrated model to harnessing the wind energy potential, Rasmus Lema and Yuan Zhou analyze China's emergence as a major player in wind energy sector and the challenges it faces in the coming years. For details, please visit: **http://wef21.org/sites/default/files/World%20Energy%20Monitor%20-%20June%202012.pdf**

GSA Position Statements

The GSA develops Position Statements on select issues of direct relevance to the geosciences community and/or for which thoughtful geologic input is important to informed debate and decision making. In addition to an articulation of the Society's perspective on the issue being addressed, the statement includes background on and an analysis of the issue, the rationale for

the GSA position, and, an implementation plan with suggestions for action by the Society's members.

STUDENT MEMBERSHIP DUES

Note that students from developing countries are eligible for reduced membership dues with GSA. Please see the GSA web site, and encourage your students to join as members.

Donations Needed: International Travel

The GSA Foundation is currently seeking funding to defray travel costs for foreign applicants who wish to attend GSA meetings. Funding is also needed for Honorary Fellows to attend GSA Annual meetings. These funds help GSA to provide more travel grants to our members and student members from lower income countries. If you are a member of the International Section and plan to make a donation to GSA, please consider directing your donation to supporting this worthy cause, which will strengthen the International Section's program, and help your fellow.

GSA Foundation Update – June 2012

To make donation to the International Travel Grants, please click on the following:

http://www.gsafweb.org/makeadonation.html

By, Donna L. Russell, Director of Operations

Funding Student Research as Global as our Science
GSA Research Grants—International Program

GSA has initiated a non-North American-based Graduate Student Research Grants Program to include GSA's international student members. We are asking for your help with the funding of this exciting new Program.

The current North American Program is one of the largest and most prestigious funding programs for geoscience graduate students in this arena. The Program helps fund field and laboratory costs of geoscience projects conducted by masters and doctoral students at universities in the United States, Canada, Mexico, and Central America. Since its inception in 1933, GSA has awarded over $11.6 million to almost 10,000 students. This Program is an essential element in supporting the education and training of future geoscientists, while instilling in our student members a sense of loyalty to the Society.

In order to initiate this Program in the near future we need to build the fund for this Program. You can contribute in two ways:

(1) Send your check payable to the **GSA Foundation** to: PO Box 9140, Boulder, CO 80301. Please note on the memo line that your donation is for "GSA Research Grants—International Program."

(2) Go to the **GSA Foundation's** Web site (http://gsafweb.org/) and click on the "Make a Donation" tab at the top-center of the page. Enter the amount of your donation and select **"GSA Research Grants—International Program"** from the pull-down menu.

We thank you in advance for your interest in growing GSA's support in student research.

Please Keep Us Posted

One of GSA's goals for the International Section is that more international members, from outside North America, will become involved in leadership of the section.

IS loves to hear from you. Please share any newsworthy or hot geoscience/environmental science-related topics, field pictures, exploration activities, international conferences, or concerns with us and we will be glad to disseminate your news items among the IS members.

If you have international news items to submit to **IS**, please send them to:
We look forward to your participation.

Nazrul I. Khandaker, International Section Secretary
nkhandaker@york.cuny.edu
York College (The City University of New York)